

82371.revisedsequence

Sequence listing

<110> Epigenomics AG

<120> Method for amplification of nucleic acids of low complexity

<130> E01/1386/WO

<160> 160

<210> 1

<211> 322

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2025 of Example)

<400> 1

aatcctccaa	attctaaaaa	cataaaaaata	acgcaaccca	aaaacaaaaa	acccctccgc	60
ccattaatta	ctatacacta	acgaaacttt	cccgaaccac	aacgacgaaa	ataaaaacaa	120
tcgctaacgc	taaaaaacat	caaaaaacact	acccaaccca	aatatcgccg	ccgcttccac	180
aaaactctac	taaacgccgc	cgccgccgct	accaccgcct	ctaataccaa	ccacctcccc	240
ccaaataaac	cccgaatcc	taactcaaat	atatatctct	ccctccctct	ccctccattc	300
gtcattttct	cactcccttt	cc				322

<210> 2

<211> 413

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2044 of Example)

<400> 2

ggataggagt	tgggattaag	attttcggtt	agtttcgtat	tttttcgtat	tttttagtat	60
cgtttcgtat	ttttcgattt	ttttttcggg	ttattacgtt	ttttatgtga	ttcgtttggg	120
taacgtcgaa	tttagtcgag	tagcgttgta	gtgaattttt	tttttaaatt	gtaataagtc	180
gttttttaag	gtaattacgt	tttttttgtt	ttttttttta	aaaataaaaa	taaaaaattt	240
atagaaaaaa	attcgcgagt	ttagaaaaaa	gaagtaattg	gtagaagggt	ttaattaagg	300
taaagagttg	taaggcgag	ttaagaaaaa	gtagggtattt	aaaaaatgta	ggtaattttt	360
ataagggttt	ttggggagag	gtatatagag	ggatttttgt	gttgaaaaag	att	413

<210> 3

<211> 347

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2045 of Example)

<400> 3

aaccctttct	tcaaattaca	aaccttctta	ccttcaaacc	tcgactccaa	caccaatccg	60
acaaaaaac	ccaatcta	aaaatacgct	cccttcctac	catctcttat	tccattaacc	120
tatttcgtaa	taaacgtaaa	actaatcctc	caaaattacc	ttattaatta	acttacatat	180
ttattatcta	tctatccac	caaaatacaa	atttcggaaa	aacaaaaatt	taaaaaaatc	240
tattttattc	tatataattt	tcccatacca	aacaccgtac	ccgacacaaa	ctaaaatccc	300
aatacacatc	tcgaaacgaa	aaaaccgtat	ttccctaata	cccaatc		347

<210> 4

82371.revisedsequence

<211> 283
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2106 of Example)

<400> 4

ttgaaaataa	gaaagggttg	ggtagagagg	ataatatagt	tttagtttat	tttttagtat	60
tttgtaatt	ttttttaatt	tttagttata	aattcgagat	ataacgtttt	ttttttaaag	120
aggtcgcgtt	ttttttgttg	tggttttttag	ggattcgttt	tagttttttt	ttcgttttta	180
gttttatata	ttgggattat	taggtattta	agatttttatt	ttttaggttg	tattttttagc	240
gtagggttggt	atttagtttt	tttttaggga	tttggggtag	aag		283

<210> 5
 <211> 211
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2166 of Example)

<400> 5

tgtttgggat	tgggtagggg	tatcgggggt	gggggggcgg	ggtttggtgg	taaggcgggc	60
ggaggcgtgg	atttttcgtt	cgatgatagg	gttggaggag	gaaggggcgg	gttgaagaag	120
gggaagggtg	gaagagtta	gtcgggggta	taaattgggt	gaagcgttga	ggtttttagta	180
ttttcgtttg	aggagatagg	taaaggttat	g			211

<210> 6
 <211> 497
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2188 of Example)

<400> 6

ttttagattg	aggtttttag	gttaaaggat	tatttttttt	tttagcgttg	gttcgggaaa	60
ggtaagtttc	gggcgggagc	gtacgtcgcg	ttttcgaagt	ttggtttttt	cgttacgttt	120
attttttggt	tttatttcgc	gttttttttag	gttttttttc	ggtgaaatcg	atgttttggt	180
agttttttat	tttgcgtttt	cggtcgcggt	tcgggttttt	cgtaaagtcg	ttgttatttc	240
ggagggttta	gttagcgggt	tttcggagggt	tggtcgggta	ggcgtgggtc	gcggtaggag	300
ttgggcgcgt	acggttatcg	cgcggtggagg	agatattggt	ttgtcgcgat	gggggttcgg	360
ggcgtttttt	tacgtcgtag	gtaagcgggg	cggcgggttc	ggtatttggt	tatcgggagt	420
tttttttttt	tttttttggt	gttggtgttt	tgtatttagt	tcgggggagg	atagaagaaa	480
aaggaggtag	aatggat					497

<210> 7
 <211> 373
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2191 of Example)

<400> 7

ggaggggaga	gggttatg	attttat	tggttaggg	cggggagg	tttgtttttc	60
gggagttttg	ttcgggtttt	ttgggtcgtag	gggtgttggg	ttttaggtag	gaacgagagg	120
gtgagggtta	tatgtggttc	ggcgggtttag	ggcgggtttgt	agcgttttta	ttgtttcgggt	180

82371.revisedsequence

tgttaggggt	tgcggcgacg	cggtagtta	gtagcgagtt	taggtcgcgt	agattttatt	240
gatgagtttt	gatttttagt	atttttttta	agttaagaag	agtttagcgt	atttttcggg	300
tgttttattt	tagttttttt	gttttagttt	tttagtttta	ttttttttcg	ttttgttttg	360
gggtgtgtat	agt					373

<210> 8
 <211> 368
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2194 of Example)

<400> 8

ttttgggaat	gggttgtatc	gagaggttcg	attagtttta	gggttttagt	gagggggtag	60
tggaaatttag	cgagggattg	agagttttat	agtatgtacg	agtttgatgt	tagagaaaaa	120
gtcgggagat	aaaggagtcg	cgtgttatta	aattgtcgtc	gtagtcgtag	ttattttaagt	180
gtcggattttg	tgagtatttt	gcgttttttag	ttttcggata	gaagttggag	aatttttttg	240
gagaatttttt	cgagtttagga	gacgagattt	tttaataaatt	attatttttt	tttgcgtttt	300
ttattttgtcg	ttcgttgga	ttaacgatag	ttatagtttt	tttgacgata	ggatggaggt	360
taagggtta						368

<210> 9
 <211> 352
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2212 of Example)

<400> 9

ttgttgggag	tttttaagtt	ttgtgagaat	tttgggagtt	ggtgatgtta	gattagttgg	60
gttattttgaa	ggtagtagt	tcgggtaggg	tttatcgaaa	gtttatttcgt	atatattagg	120
taattttaatt	ttttattttg	tgtgatagaa	gtagtaggaa	gtgagttgtt	tagaggtagg	180
aggggtttatt	ttttgttaaa	gggggggatta	gaattttttt	atgcgagttg	tttgaggatt	240
gggatgtcga	gaacgcgagc	gatttcgagta	gggtttgttt	gggtatcgtc	ggggtaggat	300
tcggaacgta	ttcgggaagg	tttttghtaa	tattttatttg	gaaggagaat	tt	352

<210> 10
 <211> 295
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2267 of Example)

<400> 10

gtaatttgaa	gaaagttgag	gggaggcggg	agatgttttg	atttattagg	gaaaacgtgg	60
acgttttttg	ttgttatatt	gtgaattgtg	tgtatttagt	tatttttgag	taaatatttg	120
gagcgaggaa	tttttgagtg	gtgtgggagg	gcggtgaggg	gtagttgaaa	gtcggttaaa	180
gttttcggag	gggttggttt	aggaaatatg	attggtagtt	acgagagagt	taggggttgg	240
acgtcgaggga	gagggagaag	gttttcgggc	ggagagaggt	tttgtttagt	tgttg	295

<210> 11
 <211> 278
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2317 of Example)

82371.revisedsequence

<400> 11

ggagttgtat	tgttgggaga	tttgggtgta	gatgatgggg	atgttaggat	tattcgaatt	60
taaagttgaa	cgtttaggta	gaggagtggg	gttttgggga	attttgagtc	ggtttaaagc	120
gtattttttt	gtatatttat	tcggtgttgg	gcgtagggaa	tttttgaaat	aaaagatgta	180
taaagtattg	aggtttgaga	tttttggatt	tcgaaatatt	gagaatttat	agttgtatat	240
tttagagttt	atggtatttt	agtgaataatt	ggggtttt			278

<210> 12

<211> 285

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2383 of Example)

<400> 12

tttgtattag	gttggaaagt	gtcgttagtt	tttcgtgtaa	ttttattttt	tggaaaagt	60
gaattagttg	gtattgttta	gcgtgatttg	tgagggtgag	ttttaatagt	ttaaagaagt	120
aaatgggatg	ttattttcgc	gggggttcgt	tttcgcgagg	tgtttatttc	gtatttgta	180
tgtaaaacga	gggagcggtt	ggaaggaatt	cgttttgtaa	agttattggt	tttggttatt	240
agtttttatt	taatgttttc	gtgatgttgt	tgttgattta	tttgg		285

<210> 13

<211> 380

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2387 of Example)

<400> 13

gatttttgga	gaggaagtta	agtgtttttt	tgtttttttt	cggtatttta	tttaaggcga	60
ttagtttaga	attggttttc	ggaagcgttc	gggtaaagat	tgcaagaag	aaaagatatt	120
tggcggaat	ttgtgcgttt	ggggcggttg	aattcgggga	ggagagggag	ggattagata	180
ggagagtggg	gattattttt	tttgttttta	aattggggta	gttttttggg	ttttcgattt	240
ttttattttc	gtgggtaaaa	aattttgttt	ttatcgggtt	tacgtaattt	ttttaagggg	300
agaggagggg	aaaattttgtg	gggggtacga	aaaggcgga	agaaatagtt	atttcgttat	360
atgggttttg	tttttagttt					380

<210> 14

<211> 397

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2391 of Example)

<400> 14

tggggtagt	ttaggatagg	cggtcggggg	acgcgtgttt	ttattttacg	gggacggtgg	60
aggagagtta	gagaggggtt	gaggggtagg	tattttaacg	aatgggtttt	ttggtgtttt	120
ttgcgtttcg	tcggtttatt	ttttttttta	taaaacgggt	ttagttttta	gtattttatt	180
ttcgttatta	attaggtatt	tcgggagatt	agttcgttcg	aaagtttttg	cgttatttcg	240
cgggtttttt	taggtggttt	tttttagttt	gttttttttc	gggatgtttg	ttgattattt	300
cgagtttcgc	tggcgtaaga	gtacgagcgt	cgagttcgtg	cgcgttaagg	ttgcgtgggc	360
gggtatcga	ttttttgaga	agtttttagt	tttttaa			397

<210> 15

<211> 547

82371.revisedsequence

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2395 of Example)

<400> 15

tttttgatt	ggggtagggt	tcggtagggt	tatgggagga	agtacggaga	atttataagt	60
ttttcgattt	tttagtttag	acgttggttg	gtttttttcg	ttggagatcg	cgtttttttt	120
aaatttttgt	gagcgttgcg	gaagtacgcg	gggttcgggt	cggtgagcgt	tgtaagatag	180
gggagggagt	cgggcgggag	agggaggggc	ggcgtcgggg	cgggttttga	tatagagtag	240
gcgtcgcggg	tcgtagtata	gtcggagatc	gtagtccgga	gttcgggtta	gggtttattt	300
gttttcgtag	cgtcggttcg	cgtttttttg	tcgtagtatt	cggtgagtgt	cgcggttttg	360
agattttcgg	gtcggatgcg	cggcggtttt	agttttcgag	cgtttggttg	tttcggtttg	420
ggttgttcgg	gttttttggg	tttttcggcg	gttgtagcga	gttaaggcgt	ttcgtttcgg	480
gcgtttttcg	cgggtgtcga	tttaggttgt	tcggagttcg	gagtttatag	aggagagaga	540
tagttgg						547

<210> 16

<211> 414

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2401 of Example)

<400> 16

attagaagtg	aaagtaatgg	aatttcgatg	taaatataat	attatttttt	tgtagagtta	60
ttttgagtat	aataaatttg	aattgtgtta	atgttgggag	aaaaaattta	aaagaagaac	120
ggagcgaata	gtagtttttt	cgttcgttga	ttagaaatag	taggacgata	ttttttcgat	180
tggaggagag	cgtttgcgtt	cgtatttagt	tggcgttcgt	ttttttgttt	tttttttagt	240
cgtttttttt	tttttttttc	gcgttttagt	tattcgggaa	ggtattgcgg	tagttgggtt	300
ttgattgggt	gttttgaaag	tttacgggtt	attcgaattg	tgaattcggg	gttttttagc	360
gcggtgagtt	tgaaattggt	cgtatttggg	tttaaagttg	gttttttgaa	attg	414

<210> 17

<211> 272

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2453 of Example)

<400> 17

gggatgggtt	attagttgta	aatcgtggaa	ttttttttga	tataatgaaa	agatgagggt	60
gtataagttt	tttagtaggg	tgatgatata	aaaagttatc	ggagtatttt	ataagggtata	120
aattttttaga	gatagtagag	tatataagtt	tttaggataa	gagttaggaa	gaaattatcg	180
gaaggaatta	ttttattgtg	tgtaaatatg	atttttaagt	tggtcgtggt	ttttttggtg	240
gtttttttga	ttttttagt	tttgtgtgaa	gg			272

<210> 18

<211> 391

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2484 of Example)

<400> 18

82371.revisedsequence

taattgaagg	ggttaatagt	ggaatttggg	tgggtgtttg	ttaaattttt	ttttttgggt	60
ttgttttggg	tttttttttg	aagggatttt	ttttcgtttt	tgtaataaga	ttttttataa	120
agtatagatt	ttttatttta	tttcgcggta	tttgtatcgg	gttttattgg	ttttaggagt	180
tgaatatttt	tttaggtata	tataggtggg	atataaataa	gggttttgga	attattattt	240
ttttattacg	atagtaattt	aaaatgtttg	ggaagatggg	cgtgattttt	ggagttttta	300
atatattttg	gataatgttt	gtagttttgta	agttattttt	ttttattttg	tttaaatggt	360
agtattttaat	tttaggtttg	gttttggttt	t			391

<210> 19

<211> 430

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2512 of Example)

<400> 19

agtggatttg	gagtttagat	gtaatataat	gattgatatt	ggtatagtat	atttattttg	60
tttttgtaaa	taaaatggta	tatgtgatgt	ttttttttgt	ttttttgtat	ataaaaataat	120
atttgttttt	atttatattg	tatttatgtt	tttattttgt	atgttaggag	ttaagtattt	180
tgtatgtatt	aatttatttt	gtttttataa	taatttttat	atgttaggaat	tattatagtt	240
attttatgaa	tgagtcgagg	aaggatttga	gacgttaagt	aatttgttta	aggttacgta	300
gtagtaagt	gtagagtaa	gaattattat	ggttttataa	gtttaggaaa	aagtttgaaa	360
gaattaaaaat	gttaatagcg	gggattttta	ggaagtattg	aagaggttat	gggagaagtt	420
tttattttgt						430

<210> 20

<211> 475

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2741 of Example)

<400> 20

taggggaaaa	gtagagttg	agaggttggg	gcgcgacgag	tttggatatc	gggcggggat	60
ttaagttttt	ttcgtttagt	taataattgt	gtttttttta	ggaaggcgtg	aggaaatggt	120
ttaattaaat	tttgattttt	ttttttggaa	tttgggttgt	atttttttat	ttattgtaaa	180
ttttataaat	tatttagggg	tttttttagt	gtttgttttt	agcggtttcg	gtgtttattt	240
attagtgttg	tttttttttt	ttcgttaagt	tgcgttttag	tttttagttt	ttttttcgcg	300
ggtgtttttt	aaatcgtttt	attattttcg	ggtttaggga	ggcggaaatcg	tgtttgtttt	360
tcggtttttt	taagaggcgt	cggttttatt	tttttttagag	tcgcgggttg	acgcgagatg	420
atagtaacga	gttcggtatg	tttatgtaaa	taagcgtttt	tttgtgggtt	aatgg	475

<210> 21

<211> 412

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2745 of Example)

<400> 21

atttttagttt	gtgaaatggg	atttaggatt	taggtagagg	tgcgtttttcg	gtttggggat	60
cgagtatttt	gtgcgttttcg	gtaacgtagg	aagatagcgt	tattgatatt	ttagagatta	120
gcgggtatcg	tttgaggcgg	tttttattat	ttggcggttt	cgggttcgcg	ttttatcgcg	180
ttataagatt	tacgttcgaa	ttacgtgatt	aggggtcgtg	tttcgtttcg	ttttcgcgtc	240
gcgcgtcgtt	ttcggtaggg	gcggaaagcg	gaagtgtggg	agggtttgcg	gggcgggttt	300
aggagggttcg	cgggaggatg	gagtagtgag	cgggtttggg	cggttgttgg	tagcgttatg	360
gagacggtat	agttgaggaa	ttcgtcgcggt	cgggtgagggg	ttattgggta	ag	412

82371.revisedsequence

<210> 22
 <211> 484
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2746 of Example)

<400> 22

gtgggtttttg	ggtagttata	gaagttatcg	cgttggcggg	gaggaggggg	atcgatgcgg	60
tttatgtttt	gggtagtttt	atttttttt	tttgcaagg	gtttttgtt	ggcgggagga	120
gagaggcgcg	ttttattcgg	gtttttttat	atttgcgtc	gtttgggtcg	atttcgcggg	180
tttcgttcgg	cgtttttagt	gatttttcgt	tagtttcggg	tttatgggcg	cggttagtag	240
ggcgggttag	ggcggcgggg	cgcatattg	ggaggaagt	cggttcgtt	gttcgggcgc	300
gttaagggaag	ttgtttaaaa	tgaggaagag	tcgcgggttc	ggcgggttag	gttatattcgg	360
cggcgggttg	agagcgagga	ggagcgggtg	gtttcgcgtt	gcgttcgtt	tcgtttttatt	420
tggcgtagg	aggtgtggtc	gcgtttttta	ttcggtcggg	attttttgg	aaggagagga	480
ggtt						484

<210> 23
 <211> 476
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2747 of Example)

<400> 23

taggatgggg	agagtaatgt	tttcgagtag	aatagggtgg	ggtttttaga	ttattttttt	60
ttttttatag	ttggttttat	tttatcgatt	ttattaaagt	ttttttggga	gtatttttaga	120
gaagagttac	gtttaggtcg	ggtttttggt	gtttgggtta	cgccggaatt	tttagtatta	180
cgtttcgtac	gtcgggttta	aagtatggtt	agtgaaggag	taggtattta	ttgtagatg	240
gagttatttt	tttagatttg	gggttttttt	ataacgatgg	ttatgtttgg	tatggaagtt	300
tttttagaag	ttaatagtag	gaaataaggg	ttaatagtat	ttaattgtgg	agtaagggtt	360
aaattttagt	tttggtattt	aatcgtttcg	aatttggttt	tttattgtag	aggcgaaaag	420
gttaatatta	ttttatttcg	gagggttatc	gtggagaatg	gaagttggat	aagttg	476

<210> 24
 <211> 419
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Bisulfite converted DNA (ID 2749 of Example)

<400> 24

tcccacaaaa	actaaacaat	tattacaaat	tcaaaaaacc	ccgaccaatt	tttcaaaaat	60
ttctcctcct	cttttcccc	taaaactcgt	aatactttta	ctctactttc	aaaatacatt	120
aaatctccta	ctttataact	acttttaaac	caacaaatac	tctaataat	ataattcaaa	180
ttatacaaat	ttcacgaata	aatttaaatct	tatttttttaa	attaattaaa	aaacaaataa	240
tattttaaaaa	aatattaact	tataattatt	tcaccctttt	tacttttaaac	atttttatta	300
cttctcgacc	ttttaactaa	aatcaaatat	atacttttaa	catttttttaa	aataaaaaata	360
tccttttaaat	ttaataaaaa	aacaaaattc	tacataaaaa	aaccctttca	tctaaaacc	419

<210> 25
 <211> 479
 <212> DNA
 <213> Artificial Sequence

82371.revisedsequence

<220>

<223> Bisulfite converted DNA (ID 2751 of Example)

<400> 25

tttggaggggt	ttagtagaag	ttatTTTTag	ggaggggttcg	ataggaagga	aggtagggttt	60
gtcggagggg	tatataggag	TTTTTTTT	cgttatagtg	tttaggggta	attgttttag	120
TTTTtaggtt	gggttaatag	gatgggata	tttaggcgga	aggaaatttg	tggggagggga	180
tatttcgtag	atagaagtag	ggatatggg	tggggagagg	taggaagagt	tgtcgggttg	240
ttgagttggc	gttttttag	tagatttag	aggggcggtg	ataggagggtt	attttttttt	300
tattttcgta	gttttgggtt	tttttgggtt	tgtttaatag	tattattatt	attattattg	360
ttgttggttcg	ttagtttggg	ttttagatat	attagaaaaa	aattatcgga	agatacgtat	420
agtattggtg	gtttttaaaa	gaattaattt	tttttttggtg	tttattttgt	gattattgg	479

<210> 26

<211> 484

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2752 of Example)

<400> 26

atacaacctc	aaatcctatc	caaaccccc	aaacatcaca	ctcgaaactt	attctacata	60
tttttacttt	tacctccac	taataactaat	tcttccgtaa	aacaacctaa	atcccttcaa	120
atacttaata	ttttttctca	aatactacca	taaaaccaaa	tctccaccgt	cttaaaacat	180
tccttttttaa	aaataaaaaa	tatatatcgc	tccttttata	taatttacat	tctatcttaa	240
ataatttaac	catcaccgta	attcattcaa	atctatttaa	atcctaccca	tctcaacttc	300
aatccatttc	attcttttaa	atctaatacga	caattacctc	caacaacttc	atcacaaatc	360
actcacaaaa	ataaccttaa	tcctaaaatt	tatttacgaa	aaacacactt	actaaatata	420
taacaaatat	acaaaaaaca	caaaaataaaa	caacaaatct	aaaaacaaat	aacttccttc	480
tccc						484

<210> 27

<211> 371

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2755 of Example)

<400> 27

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agaagggtta	gaggacggtt	tttgttattt	ttttatgttt	gagttttttt	ttttgtgaaa	180
tggggataat	aagagtcggt	atatagggaa	ttgttggttag	gattaaatga	gataatgtat	240
gtgaaacggt	ttggttgtag	gttttttagt	aaatgggtac	gatttgcgga	gtgggggattt	300
gaatttacgt	ttggcgggat	gtttaagttg	ttattttgat	cgttaggagg	ttttagagga	360
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<210> 28

<211> 186

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2831 of Example)

<400> 28

ttagtagggg	tgtgagtggt	ttgattagaa	ttatTTTT	ttgttagaat	ttgatgtaat	60
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82371.revisedsequence
tcgaatgttt ttatTTTTgt ttgaagggtt taaataataa attaggTTTT gtcgtgttat 120
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<210> 29
<211> 300
<212> DNA
<213> Artificial Sequence

<220>
<223> Bisulfite converted DNA (ID 2850 of Example)

<400> 29

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<210> 30
<211> 321
<212> DNA
<213> Artificial Sequence

<220>
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<400> 30

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cgggttgtcg atttagtagt ttttttcgga tagttcgttt tgattttttt tggttgggtcg 300
tggagggatt atatggtttt a 321

<210> 31
<211> 398
<212> DNA
<213> Artificial Sequence

<220>
<223> Bisulfite converted DNA (ID 2859 of Example)

<400> 31

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gggcggatta tttgagggtt ggagttcgag attagtttg gttaatatgg cgaaacgttg 180
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aaaaaaaaa aaaagaaaaa aaataaaagt gatgggggt 398

<210> 32
<211> 347
<212> DNA
<213> Artificial Sequence

<220>
<223> Bisulfite converted DNA (ID 2861 of Example)

82371.revisedsequence

<400> 32

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gggtgtagaa gtgttttaggt tttttttcgt tgggggttggg agtttgggta ggtagtttt    60
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ttatTTTTgt gggTTTTagt tgtttggatt tgtggaggga aaagaatgat cggttcgttc    180
gataggTTaa ggtaatacgg ttgttgggtat tttcggtttg tagttttaag atTTTTgaaa    240
gcgggtttgt agtggattta ttttaataga tggggaggga ttgagtttga ttaaagagtt    300
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<210> 33

<211> 291

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2864 of Example)

<400> 33

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tatactccca catccaaacc acgaaccctt caccgatca catacttcat acacctataa    180
ctccgcactc cccaaatata cctctaactg acaactatta ccccttcccc cgattataac    240
cctataactc gccacataca actataacta aaacttccct aaaacactct c                    291

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<210> 34

<211> 389

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2867 of Example)

<400> 34

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tccgttccaa accgactaac aatctccgtt ctacattaac gtcaacactc ccgttaaaaa    180
taatacatct ctcccatacc aaaaaaactt aaatactact aaaaaccaac cctccgaata    240
ctaccaaacc gagcgtcacc cgccacctt atcttccctt ctcttttacc ccaaaacaac    300
cgaaaatata taattaaatt ccccttacc ataaaaaaac caaaaataaa aaactaacga    360
cctactcgat ctcaacaaac cctcctaatt                                     389

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<210> 35

<211> 272

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 2961 of Example)

<400> 35

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cgacgagggg ttcggggtat ttgtcggtag ttatgcggtt ttcgcgtagt cgggttttac    180
gagtgggggt gagttagcgc ggggtttgga gaggggttta gggcgcgtag tcgggggatt    240
tcggtcgggg tttaggggta tagggaagag ag                                     272

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<210> 36

<211> 371

<212> DNA

<213> Artificial Sequence

82371.revisedsequence

<220>

<223> Bisulfite converted DNA (ID 3511 of Example)

<400> 36

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tttatttgta	tattttttta	tttttgatat	aagaagtaga	atttttttta	tatgatttat	180
gtttatttaa	tacgttattt	tgaaatttat	taataaaaatt	ttttaagcgt	tagaaaattg	240
ttagtggttt	tttttatttt	tttttatttt	tttttggttt	attaattttg	tttttttttt	300
ttagaagggt	gtcgggaatag	taaatattta	ttgatatggt	ataattattg	gaaaaatgggt	360
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<210> 37

<211> 457

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 3532 of Example)

<400> 37

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tgattgtttt	tggcggggcg	ggggtgtttt	tgatttttag	ttgtataacg	gtaggaagg	180
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gagtgcggt	cgggagagggt	tggtgaagat	aggaggggat	aaatggggga	cgaaggggtt	300
cgagggagg	gattgaagga	tttggttaa	gtcgggaggt	ttcgagggcg	gagttaaaac	360
gtatttggat	tttggttagt	ttaaattttg	tttttattgt	tgtaagtttt	ttagatcgag	420
gattttcggg	ttgaggggtg	ggtaaggata	ggtagtg			457

<210> 38

<211> 476

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 3534 of Example)

<400> 38

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tttggttagt	atggtgaaat	tttattttta	ttaaaaatat	aaaaattagt	tagatatggt	240
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ggaggtggag	gttgtagtga	gttaagattt	gataggtttt	tagtattatt	gtatttttaga	360
ttggttgata	gagcgagatt	ttgttaaaaa	aaaaaaaggt	ataaatagat	tttaaatagg	420
taatatgata	gggagggagg	gataggggag	tagggtggtt	aaggaaggga	tattta	476

<210> 39

<211> 458

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 3538 of Example)

<400> 39

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82371.revisedsequence

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gttgtagaaa	tgtaggagg	aggtaagaaa	gggcggtttt	atgggggggtt	tgtaggggtgg	300
gataagttta	agagggtttt	atatttaggt	ttggtggggg	agggtgagttt	ttggtttatc	360
gaggggggtt	ttttttgttt	tcggaaaatat	tgtagttttt	atttttatcg	ttttttcggt	420
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<210> 40

<211> 405

<212> DNA

<213> Artificial Sequence

<220>

<223> Bisulfite converted DNA (ID 3540 of Example)

<400> 40

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<210> 41

<211> 2501

<212> DNA

<213> Homo Sapiens

<400> 41

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<210> 42
 <211> 2501
 <212> DNA
 <213> Homo Sapiens

<400> 42

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82371.revisedsequence

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 <211> 2501
 <212> DNA
 <213> Homo Sapiens

<400> 43

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<211> 2501

<212> DNA

<213> Homo Sapiens

<400> 49

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82371.revisedsequence

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<211> 2501

<212> DNA

<213> Homo Sapiens

<400> 50

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82371.revisedsequence

<211> 2500
 <212> DNA
 <213> Homo Sapiens

<400> 51

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 <212> DNA
 <213> Homo Sapiens

<400> 52

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<210> 53

82371.revisedsequence

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<220>
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<400> 53

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 <212> DNA
 <213> Homo Sapiens

<400> 54

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<211> 2501

<212> DNA

<213> Homo Sapiens

<400> 58

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82371.revisedsequence

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<212> DNA

<213> Homo Sapiens

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82371.revisedsequence

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<212> DNA

<213> Homo Sapiens

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82371.revisedsequence

<213> Homo Sapiens

<400> 61

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<212> DNA

<213> Homo Sapiens

<400> 62

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82371. revisedsequence

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<213> Homo Sapiens

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<400> 71

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<213> Homo Sapiens

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<213> Homo Sapiens

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82371.revisedsequence

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 <213> Homo Sapiens

<400> 76

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